

Honda Insight Hybrid Electric Vehicle Fleet and Accelerated Reliability Testing – April 2005

A total of six Honda Insight hybrid electric vehicles (HEVs) have entered Fleet and Accelerated Reliability testing since August 2001, in three fleets in Arizona. Three of the Insight HEVs were driven less than 25,000 miles each (Fleet testing) and the fourth was driven 68,00 miles. During January 2005, the fifth Insight reached 160,000 miles (Accelerated Reliability Testing) and active mileage accumulation stopped, while the remaining Insight completed testing during March 2005 due mechanical issues, when it had accumulated 146,000 miles. The two high-mileage Insights will have their fuel efficiencies retested on dynamometers (with and without air conditioning) and their batteries will be capacity tested.

One page, [vehicle fact sheets and maintenance logs](#) have been posted for the HEVs on nearby www pages. The information includes: miles driven, fuel economy, operations and maintenance requirements, operating costs, life-cycle costs, and any unique driving issues.

The six Insight HEVs were driven a total of 417,450 miles and the cumulative average fuel economy for the Insights HEVs was 45.2 miles per gallon.

